

Sun or Shade

Grade Levels:

K-3

Question:

Is the air the same temperature in the sun and in the shade?

Possible Hypotheses:

The air is/is not the same temperature in the sun and in the shade.

Materials:

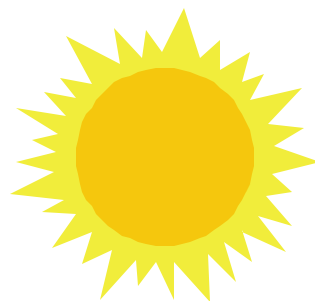
Thermometer

Procedure:

1. Hang a thermometer in the shade for five minutes. Record the temperature of the air.
2. Hang the thermometer in the sun for five minutes. Record the temperature of the air.

Analysis and Conclusion:

Is the air really warmer in the sun or does it feel like it is warmer because the sun's energy is hitting your skin?



**WHERE IS
IT
COOLER?**